

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Jiten Chatterji et al.)	
)	Art Unit: Unknown
)	
Serial No.:	unknown)	
)	
Filed:	concurrently herewith)	Examiner: Unknown
)	
For:	CEMENT COMPOSITIONS COMPRISING)		
	IMPROVED LOST CIRCULATION)		
	MATERIALS AND METHODS OF USE IN)		
	SUBTERRANEAN FORMATIONS)		

INFORMATION DISCLOSURE STATEMENT

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

SIR:

The following documents are known to Applicants or Applicants' attorneys and are submitted for the Examiner to consider in the above-captioned application.

U. S. PATENTS

U.S. Patent No. 2,353,372 issued July 11, 1944 to John B. Stone.

U.S. Patent No. 2,912,380 issued November 10, 1959 to Kenneth D. Groves et al.

U.S. Patent No. 2,990,016 issued June 27, 1961 to W.C. Goins, Jr. et al.

U.S. Patent No. 3,042,608 issued July 3, 1962 to G.R. Morris.

U.S. Patent No. 3,220,863 issued November 30, 1965 to Eldon J. Mayhew.

U.S. Patent No. 3,302,719 issued February 7, 1967 to Paul W. Fischer.

U.S. Patent No. 3,316,965 issued May 2, 1967 to David J. Watanabe.

U.S. Patent No. 3,363,689 issued January 16, 1968 to Dwight K. Smith et al.

U.S. Patent No. 3,375,888 issued April 2, 1968 to James L. Lummus et al.

U.S. Patent No. 3,433,740 issued March 18, 1969 to Arthur L. Armentrout.

U.S. Patent No. 3,774,683 issued November 27, 1973 to Dwight K. Smith et al.

U.S. Patent No. 4,391,643 issued July 5, 1983 to Joseph R. Murphey.

U.S. Patent No. 4,460,052 issued July 17, 1984 to Judith Gockel.

U.S. Patent No. 4,498,995 issued February 12, 1985 to Judith Gockel.

U.S. Patent No. 4,579,668 issued April 1, 1986 to Joseph U. Messenger.

U.S. Patent No. 5,314,265 issued May 24, 1994 to Thomas K. Perkins et al.

U.S. Patent No. 5,501,277 issued March 26, 1996 to David D. Onan et al.

U.S. Patent No. 5,779,787 issued July 14, 1998 to Lance E. Brothers et al.

U.S. Patent No. 5,820,670 issued October 13, 1998 to Jiten Chatterji et al.

U.S. Patent No. 5,913,364 issued June 22, 1999 to Ronald E. Sweatman.

U.S. Patent No. 6,059,035 issued May 9, 2000 to Jiten Chatterji et al.

U.S. Patent No. 6,059,036 issued May 9, 2000 to Jiten Chatterji et al.

U.S. Patent No. 6,060,434 issued May 9, 2000 to Ronald E. Sweatman et al.

U.S. Patent No. 6,152,227 issued November 28, 2000 to Jimmie B. Lawson et al.

U.S. Patent No. 6,167,967 B1 issued January 2, 2001 to Ronald E. Sweatman.

U.S. Patent No. 6,220,354 B1 issued April 24, 2001 to Jiten Chatterji et al.

U.S. Patent No. 6,258,757 B1 issued July 10, 2001 to Ronald E. Sweatman et al.

U.S. Patent No. 6,308,777 B2 issued October 30, 2001 to Jiten Chatterji et al.

U.S. Patent No. 6,500,252 B1 issued December 31, 2002 to Jiten Chatterji et al.

U.S. Patent No. 6,508,305 B1 issued January 21, 2003 to Harold D. Brannon et al.

U.S. Patent No. 6,508,306 B1 issued January 21, 2003 to B. Raghava Reddy et al.

U.S. Patent No. 6,645,288 B1 issued November 11, 2003 to Bernard Dargaud et al.

U.S. Patent No. 6,702,044 B2 issued March 9, 2004 to B. Raghava Reddy et al.

U.S. PATENT APPLICATION PUBLICATION

U.S. Patent Application Publication No. US 2002/0040812 A1 published April 11, 2002
to Theodore L. Heying.

U.S. Patent Application Publication No. US 2003/0092582 A1 published May 15, 2003
to B. Raghava Reddy et al.

U.S. Patent Application Publication No. US 2003/0132000 A1 published July 17, 2003 to
Mano Shaarpour.

U.S. Patent Application Publication No. US 2003/0186819 A1 published October 2, 2003
to Mano Shaarpour.

U.S. Patent Application Publication No. US 2003/0195120 A1 published October 16,
2003 to William S. Halliday et al.

U.S. Patent Application Publication No. US 2004/0007360 A1 published January 15,
2004 to Sylvaine Leroy-Delage et al.

U.S. Patent Application Publication No. US 2004/0023815 A1 published February 5,
2004 to Boyce D. Burts, III.

U.S. Patent Application Publication No. US 2004/0040712 A1 published March 4, 2004
to Krishna M. Ravi et al.

OTHER PUBLICATIONS

Halliburton brochure entitled "Flocele Lost-Circulation Additive" dated 1999.

Halliburton brochure entitled "Flo-Chek® A Additive" dated 1999.

Halliburton brochure entitled "Flo-Chek® Service Lost-Circulation Service" dated 2000.

Halliburton brochure entitled "Gilsonite Lost-Circulation Additive" dated 1999.

Halliburton brochure entitled "Granulite TR ¼ Lost-Circulation Additive" dated 1999.

Halliburton brochure entitled "Kwik-Seal® Lost-Circulation Additive" dated 2002.

Halliburton brochure entitled "Tuf Additive No. 2 Lost-Circulation Additive" dated 1999.

Baroid brochure entitled "BARO-SEAL™ Lost Circulation Material" dated 2002.

Baroid brochure entitled "HYDRO-PLUG™ Seal While You Drill™ Technology" dated 2002.

Baroid brochure entitled "JELFLAKE™ Lost Circulation Material" dated 2002.

Baroid brochure entitled "HY-SEAL® Lost Circulation Material" dated 2002.

Baroid brochure entitled "N-PLEX™ Lost Circulation Material" dated 2002.

Baroid brochure entitled "N-SEAL™ Lost Circulation Material" dated 2002.

Baroid brochure entitled "N-SQUEEZE™ Lost Circulation Material" dated 2002.

Baroid brochure entitled "PLUG-GIT® Lost Circulation Material" dated 2002.

Baroid brochure entitled "STEELSEAL™ Lost Circulation Material" dated 2002.

Baroid brochure entitled "STEELSEAL FINE™ Lost Circulation Material" dated 2002.

Baroid brochure entitled "STOP-FRAC™ D Lost Circulation Material" dated 2002.

Baroid brochure entitled "STOP-FRAC™ S Lost Circulation Material" dated 2002.

Baroid brochure entitled "WALL-NUT® Lost Circulation Material" dated 2002.

Copies of the non-patented references and Form PTO-1449 are submitted herewith.

Respectfully submitted,

Craig W. Roddy
Registration No. 36,256
Halliburton Energy Services
P. O. Box 1431
Duncan, OK 73536-0440
580-251-3012

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 2003-IP-012582U1	SERIAL NO. unknown
	APPLICANT Jiten Chatterji et al.	
	FILING DATE concurrently herewith	GROUP Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	2,353,372	07/11/44	Stone	252	8.5	
	AB	3,912,380	11/10/59	Groves	252	8.5	
	AC	2,990,016	06/27/61	Goins, Jr. et al.	166	29	
	AD	3,042,608	07/03/62	Morris	507	112	
	AE	3,220,863	11/30/65	Mayhew	106	96	
	AF	3,302,719	02/07/67	Fischer	166	42	
	AG	3,316,965	05/02/67	Watanabe	166	33	
	AH	3,363,689	01/06/68	Smith et al.	166	29	
	AI	3,375,888	04/02/68	Lummus et al.	175	72	
	AJ	3,433,740	03/18/69	Armentrout	252	8.5	
	AK	3,774,683	11/27/73	Smith et al.	166	285	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Halliburton brochure entitled "Flocele Lost-Circulation Additive" dated 1999.
	AS	Halliburton brochure entitled "Flo-Chek® A Additive" dated 1999.
	AT	Halliburton brochure entitled "Flo-Chek® Service Lost-Circulation Service" dated 2000.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 2003-IP-012582U1	SERIAL NO. unknown
	APPLICANT Jiten Chatterji et al.	
	FILING DATE concurrently herewith	GROUP Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	4,391,643	07/05/83	Murphey	106	74	
	AB	4,460,052	07/17/84	Gockel	175	72	
	AC	4,498,995	02/12/85	Gockel	252	8.5 LC	
	AD	4,579,668	04/01/86	Messenger	252	8.5 LC	
	AE	5,314,265	05/24/94	Perkins et al.	405	128	
	AF	5,501,277	03/26/96	Onan et al.	166	293	
	AG	5,779,787	07/14/98	Brothers et al.	106	802	
	AH	5,820,670	10/13/98	Chatterji et al.	106	727	
	AI	5,913,364	06/22/99	Sweatman	166	281	
	AJ	6,059,035	05/09/00	Chatterji et al.	166	293	
	AK	6,059,036	05/09/00	Chatterji et al.	166	294	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Halliburton brochure entitled "Gilsonite Lost-Circulation Additive" dated 1999.
	AS	Halliburton brochure entitled "Granulite TR ¼ Lost-Circulation Additive" dated 1999.
	AT	Halliburton brochure entitled "Kwik-Seal® Lost-Circulation Additive" dated 2002.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 2003-IP-012582U1	SERIAL NO. unknown
	APPLICANT Jiten Chatterji et al.	
	FILING DATE concurrently herewith	GROUP Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	6,060,434	05/09/00	Sweatman et al.	507	216	
	AB	6,152,227	11/28/00	Lawson et al.	166	293	
	AC	6,167,967 B1	01/02/01	Sweatman	166	281	
	AD	6,220,354 B1	04/24/01	Chatterji et al.	166	293	
	AE	6,258,757 B1	07/10/01	Sweatman et al.	507	219	
	AF	6,308,777 B2	10/30/01	Chatterji et al.	166	293	
	AG	6,500,252 B1	12/31/02	Chatterji et al.	106	644	
	AH	6,508,305 B1	01/21/03	Brannon et al.	166	293	
	AI	6,508,306 B1	01/21/03	Reddy et al.	166	295	
	AJ	6,645,288 B1	11/11/03	Dargaud et al.	106	696	
	AK	6,702,044 B2	03/09/04	Reddy et al.	175	64	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		Halliburton brochure entitled "Tuf Additive No. 2 Lost-Circulation Additive" dated 1999.					
	AS		Baroid brochure entitled "BARO-SEAL™ Lost Circulation Material" dated 2000.					
	AT		Baroid brochure entitled "HYDRO-PLUG™ Seal While You Drill™ Technology" Dated 2002.					

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 2003-IP-012582U1	SERIAL NO. unknown
	APPLICANT Jiten Chatterji et al.	
	FILING DATE concurrently herewith	GROUP Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	US 2002/0040812 A1	04/11/02	Heying	175	72	
	AB	US 2003/0092582 A1	05/15/03	Reddy et al.	507	100	
	AC	US 2003/0132000 A1	07/17/03	Shaarpour	166	264	
	AD	US 2003/0186819 A1	10/02/03	Shaarpour	507	200	
	AE	US 2003/0195120 A1	10/16/03	Halliday et al.	507	140	
	AF	US 2004/0007360 A1	01/15/04	Leroy-Delage et al.	166	293	
	AG	US 2004/0023815 A1	02/05/04	Burts, III	507	200	
	AH	US 2004/0040712 A1	03/04/04	Ravi et al.	166	293	
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Baroid brochure entitled "JELFLAKE® Lost Circulation Material" dated 2002.
	AS	Baroid brochure entitled "HY-SEAL® Lost Circulation Material" dated 2002.
	AT	Baroid brochure entitled "N-PLEX™ Lost Circulation Material" dated 2002.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 2003-IP-012582U1	SERIAL NO. unknown
	APPLICANT Jiten Chatterji et al.	
	FILING DATE concurrently herewith	GROUP Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Baroid brochure entitled "N-SEAL™ Lost-Circulation Material" dated 2002.
	AS	Baroid brochure entitled "N-SQUEEZE™ Lost Circulation Material" dated 2002.
	AT	Baroid brochure entitled "PLUG-GIT® Lost Circulation Material" dated 2002.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 2003-IP-012582U1	SERIAL NO. unknown
	APPLICANT Jiten Chatterji et al.	
	FILING DATE concurrently herewith	GROUP Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		Baroid brochure entitled "STEELSEAL™ Lost Circulation Material" dated 2002.					
	AS		Baroid brochure entitled "STEELSEAL FINE™ Lost Circulation Material" Dated 2002.					
	AT		Baroid brochure entitled "STOP-FRAC™ D Lost Circulation Material" dated 2002.					

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 2003-IP-012582U1	SERIAL NO. unknown
	APPLICANT Jiten Chatterji et al.	
	FILING DATE concurrently herewith	GROUP Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		Baroid brochure entitled "STOP-FRAC™ S Lost Circulation Material" dated 2002.
	AS		Baroid brochure entitled "WALL-NUT® Lost Circulation Additive" dated 2002.
	AT		

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.